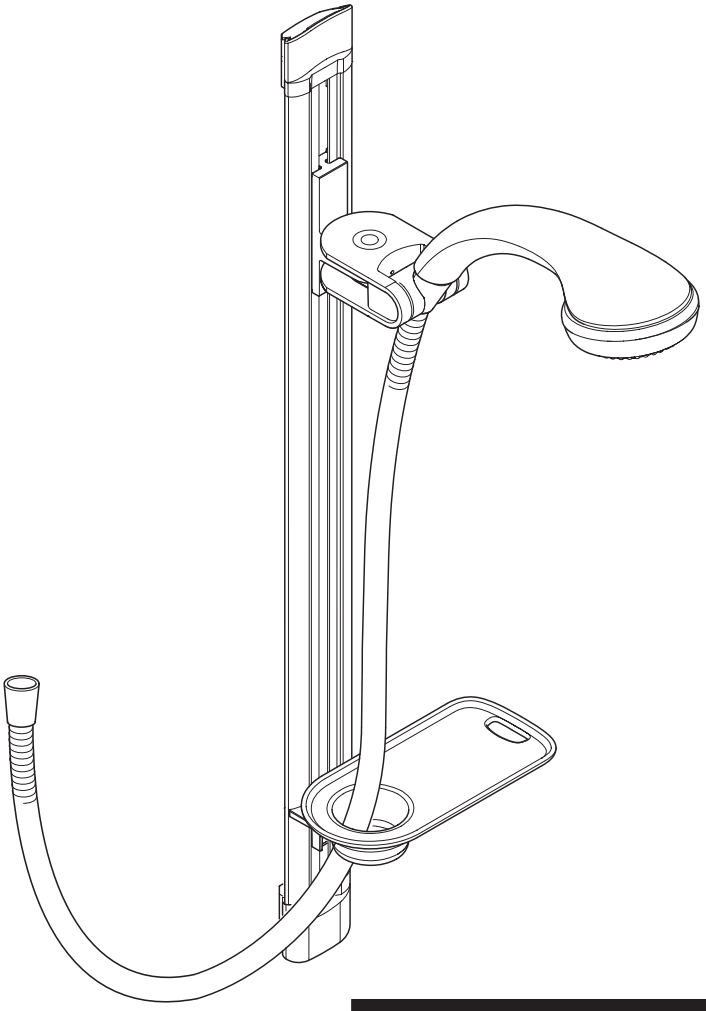
mira
ADVANCE



MIRA ADVANCE

SHOWER FITTINGS

Installation & User Guide

These instructions are to be left with the user

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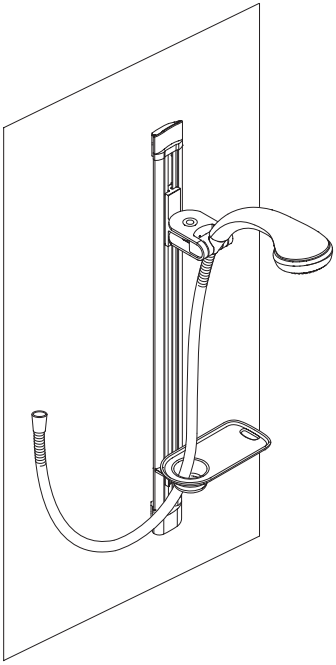
If you experience any difficulty with the installation or operation of your new shower fittings, then please refer to **"Fault Diagnosis"**, before contacting Kohler Mira Limited. Our telephone and fax numbers can be found on the back cover of this guide.

INTRODUCTION

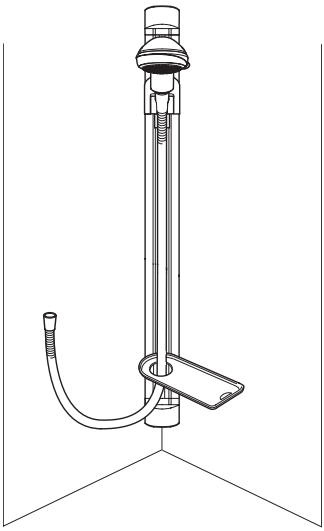
The Mira Advance Shower Fittings

Mira Advance shower fittings are precision engineered to give a great shower over a range of pressures. The Advance shower fittings can be fitted onto a flat wall or fitted into a corner position, to satisfy and compliment various shower areas.

Wall Mounted



Corner Mounted



Product covered by this Guide:

Advance Complete Fittings - An adjustable spray handset, flexible hose, adjustable clamp bracket assembly, slide rail, hose retaining ring and soap dish. Suitable for connection to surface mounted showers.

Advance Flex wall mounted handset holder (Advance Flex product only) is suitable for connection to surface mounted shower controls only.

Patents

Design Registraion	000738141-0006
000738141-0007	000738141-0008

SPECIFICATION

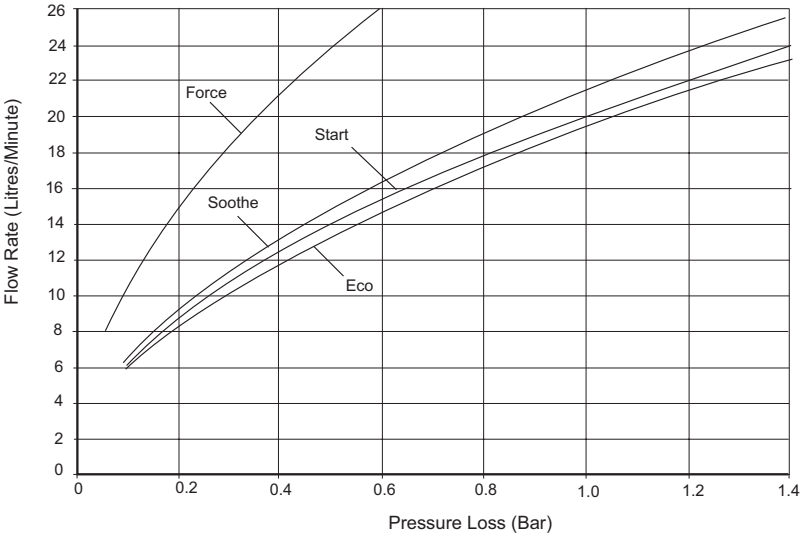
Specifications

Minimum maintained pressure: **6 kPa (0.06 Bar).**

Maximum maintained pressure: **500 kPa (5.0 bar).**

Warning! Exceeding the stated maximum maintained pressure could result in excessive spray forces and possible damage to the product.

Pressure loss = Pressure difference between the inlet and outlet of the fitting



The Handset

An adjustable spray handset with four different spray actions

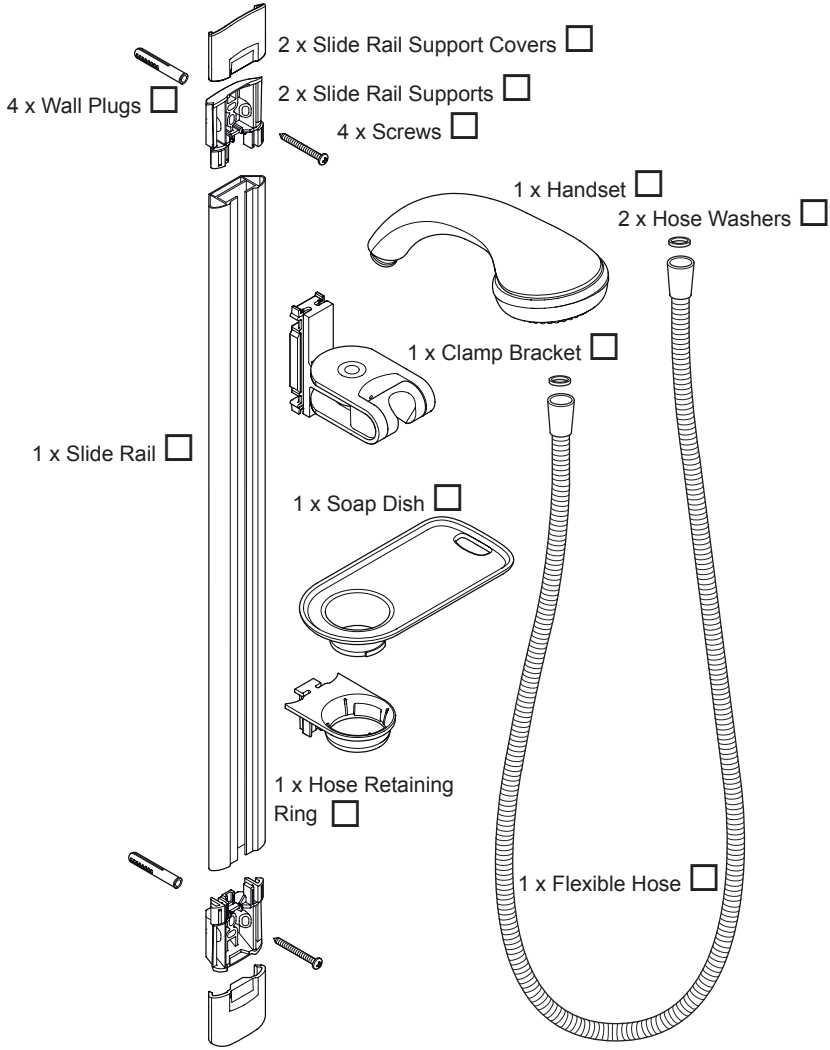
(Eco,Start, Soothe and Force).

The shower hose terminates in a 1/2" BSP female thread for connection to the outlet of the shower.

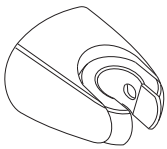
PACK CONTENTS

☑ Tick the appropriate boxes to familiarize yourself with the part names and to confirm that the parts are included.

Mira Advance Shower Fittings


2 x Slide Rail Support Covers ☐
4 x Wall Plugs ☐
2 x Slide Rail Supports ☐
4 x Screws ☐
1 x Handset ☐
2 x Hose Washers ☐
1 x Clamp Bracket ☐
1 x Slide Rail ☐
1 x Soap Dish ☐
1 x Hose Retaining Ring ☐
1 x Flexible Hose ☐

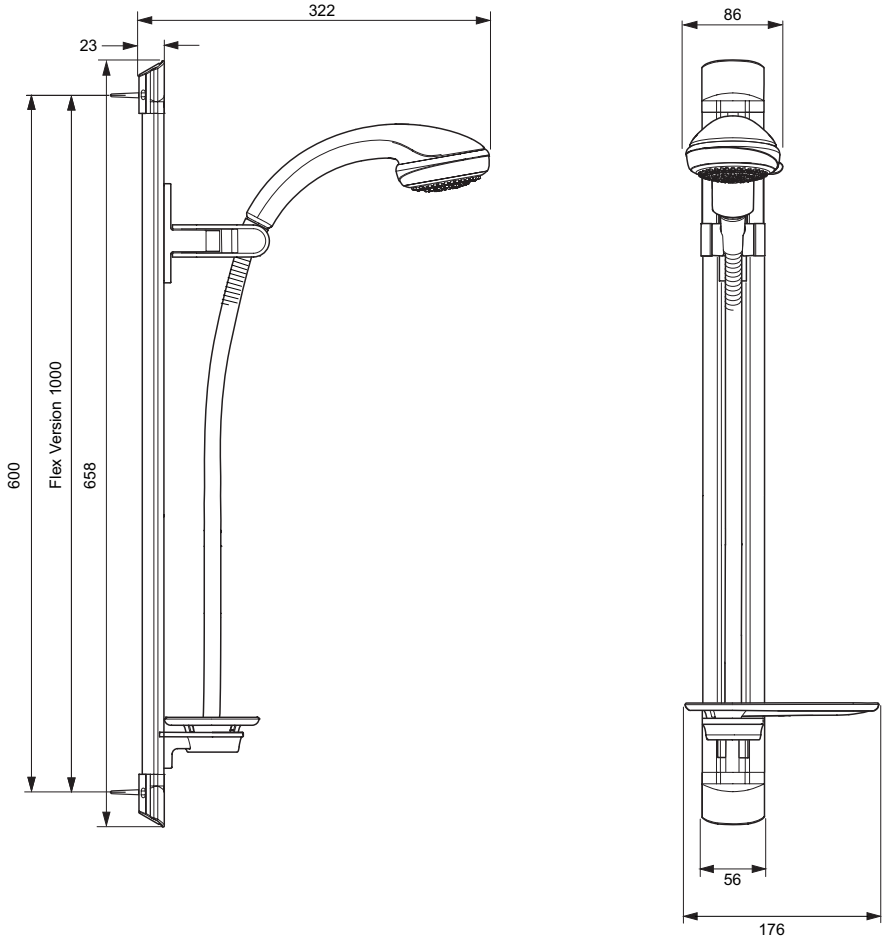
1 x Wall Mounted Handset Holder ☐
(Advance Flex only)



Documentation

1 x Installation and User Guide ☐

DIMENSIONS



All dimensions in mm

INSTALLATION

General

Make sure that the shower fittings are installed by a competent installer.

Installations must comply with Water Regulations (Bye-Laws, Scotland), and any Local Regulations and Building Regulations in force at the time of installation.

Before installation carefully inspect the new fixture for any signs of damage.

The slide rail should be positioned to one side of the shower control at a convenient height for all the family. The slide rail can be fixed to a flat wall or into a corner.

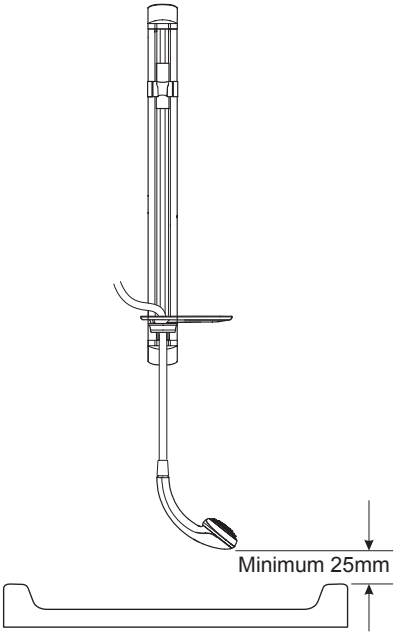
Note! To prevent back siphonage and water supply contamination, the handset must either be prevented from dropping below the spill over level of the bath or shower or have an additional single check valve in the system. Single check valves may already be installed as part of the shower control

Install the Shower Fittings Complete

Wall Mounting

1. Decide on a suitable position for the slide rail avoiding buried cables and pipes. Make sure that when the hose retaining ring is placed on the lowest position on the slide rail there is a minimum of 25 mm between the handset and bath/tray spill-over level. This is necessary to prevent back-siphonage.

Note! Special consideration should be given to fixing arrangements when installing onto a dry lined, stud partition, shower cubicle or laminated panel wall structures. Installers may wish to obtain alternative proprietary cavity fixing, or choose other options, however, these methods of fixing are beyond the scope of this guide.



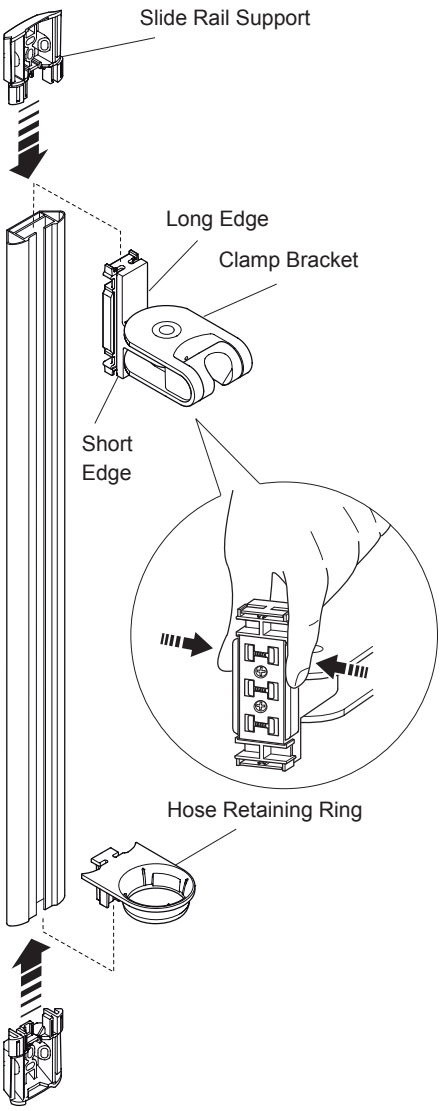
2. Carefully remove the protective film from the slide rail.

3. Holding the clamp bracket, squeeze the sides together and push the clamp bracket onto the slide rail.

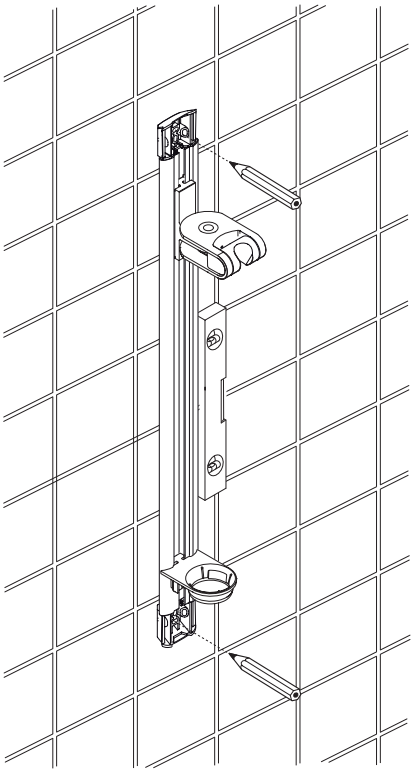
Note! It is important that you slide the shorter edge of the clamp bracket onto the slide rail.

4. Slide the hose retaining ring onto the slide rail.

5. Push the slide rail supports onto each end of the slide rail assembly.



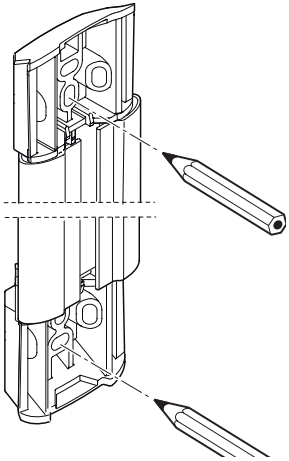
6. Hold the slide rail assembly against the wall in the desired position.



Note! If fixing the slide rail into a corner see **"Corner Mounting"** page 13.

7. Use the slide rail supports as a template and mark the positions of the top and bottom fixing holes.

Note! When marking the position of the holes, if using the vertical oval hole on the top of the slide rail, then use the horizontal oval hole on the bottom fixing. This will allow you to make slight vertical and horizontal adjustments to the slide rail.

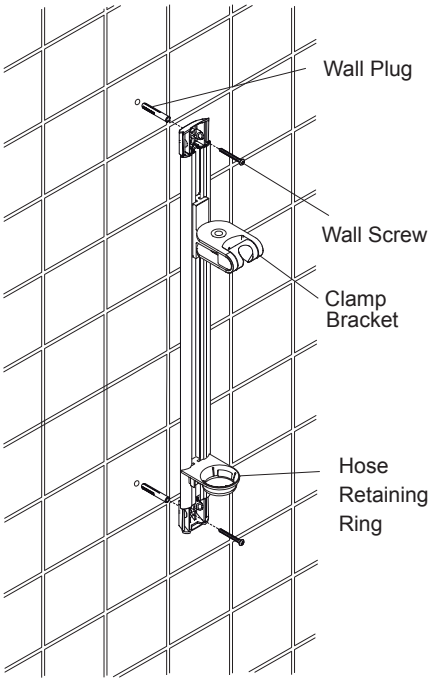


8. Check that the slide rail is vertical before drilling fixing holes.

Caution! Make sure that you avoid buried pipes and cables when you drill the wall.

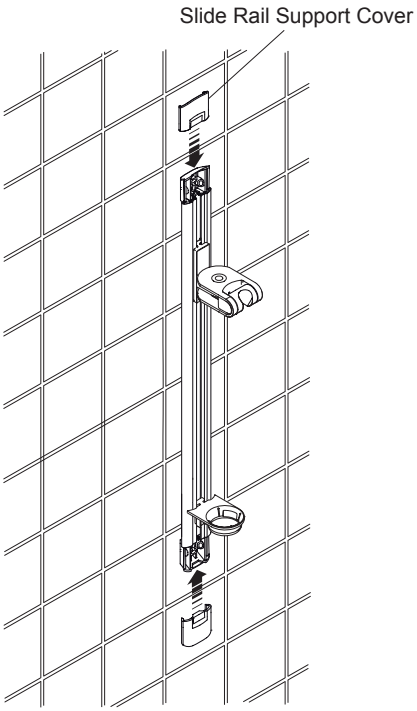
9. Drill two 8.0 mm fixing holes, one at the top of the slide rail and one at the bottom of the slide rail.

10. Fit the wall plugs.



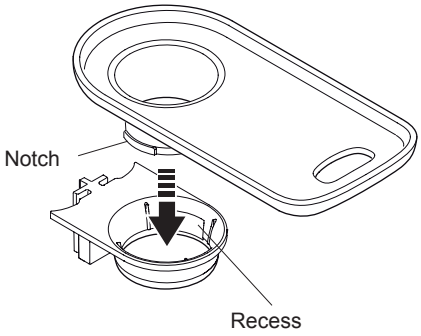
11. Hold the slide rail against the wall and gently screw the slide rail into position. Check that the slide rail is vertical and make any adjustments before fully tightening the wall screws.

12. Push on the slide rail support covers.



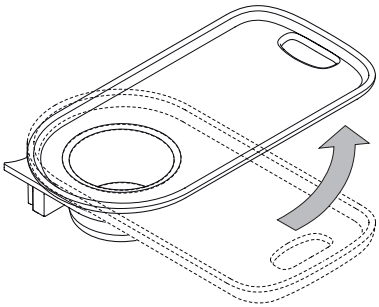
13. Align the notch on the soap dish with the recess on the hose retaining ring.

14. Push the soap dish onto the hose retaining ring.



15. To lock the soap dish into position twist the soap dish to the right or if preferred twist to the left.

Note! If space is limited, you do not have to fit the soap dish to the hose retaining ring, but the hose retaining ring must be fitted.

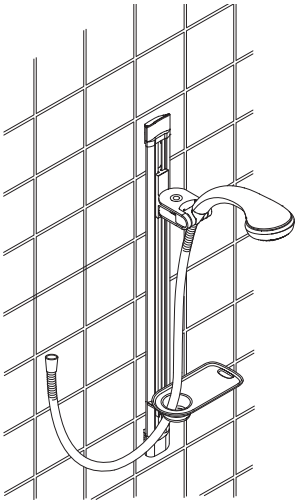


16. Attach the hose onto the handset. Make sure that the hose washer is fitted and **do not overtighten.**

17. Pass the hose through the hose retaining ring and soap dish (if fitted).

18. Attach the hose to the outlet of the shower control. Make sure that the hose washer is fitted.

19. Place the handset into the clamp bracket.



Wall Mounted Handset Holder (Advance Flex Only)

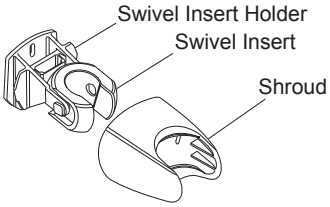
1. The shroud must be removed to fix the handset holder to the wall. Ensure the swivel insert is in the horizontal position before removing the shroud.

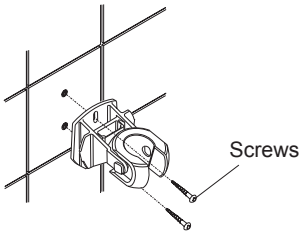
2. Using the swivel insert holder as a guide, mark the position of the two screw holes.

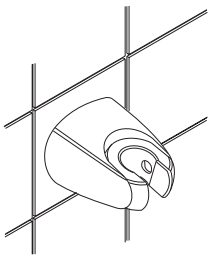
3. Drill two 8mm holes and insert the wall plugs provided.

4. Screw the swivel insert holder to the wall using the screws provided. It may be necessary to remove the swivel insert to fit the holder. Ensure the insert is refitted as originally supplied or the handset will not fit correctly in the holder.

5. With the swivel insert in the horizontal position, push fit the shroud until it 'locks' into position.







Corner Mounting

1. For corner mounting first follow instructions on pages 7 and 8, steps 1 to 6.

2. Hold the slide rail assembly against the wall in the desired position.

3. Use the slide rail supports as a template and mark the position of the two top fixing holes and the two bottom fixing holes.

Note! Check that the slide rail supports are sitting on both walls before drilling fixing holes.

4. Drill two 8mm fixing holes at the top of the slide rail and two at the bottom of the slide rail.

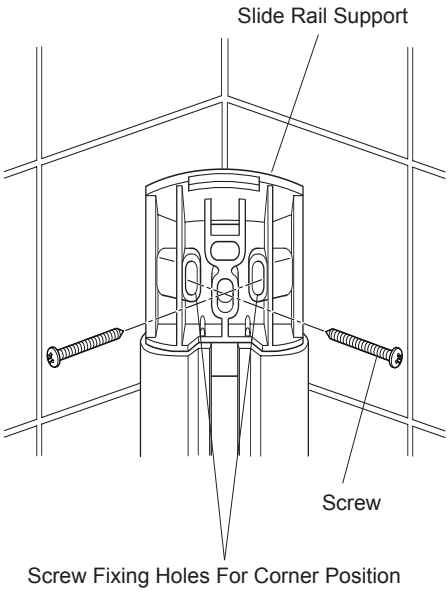
Caution! Make sure that you avoid buried pipes and cables when you drill the wall.

5. Fit the wall plugs.

6. Hold the slide rail against the wall and gently screw the slide rail into position. Check that the slide rail is vertical and make any adjustments before fully tightening the fixing screws.

7. Push on the slide rail support covers.

8. To complete the installation follow steps 13 to 19 on pages 11 and 12

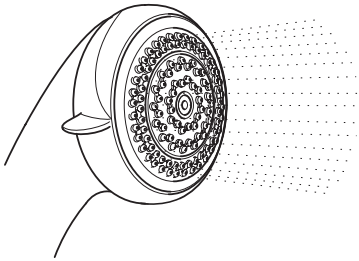


OPERATION

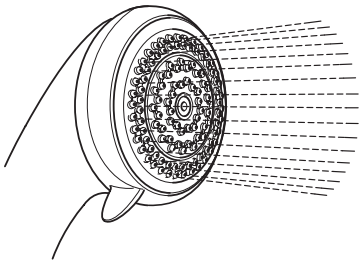
Adjustable Handset Operation

The handset has four different spray modes, **Eco,Start, Soothe and Force**. The handset has a combined checkvalve and flow regulator fitted in the handset. The handset operation is described below:

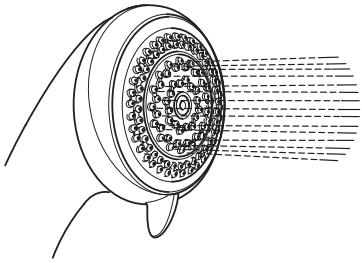
1. **Eco:** Water flows from the outer set of holes at a reduced flow rate to save water. To select the Eco setting, turn the spray plate fully clockwise.



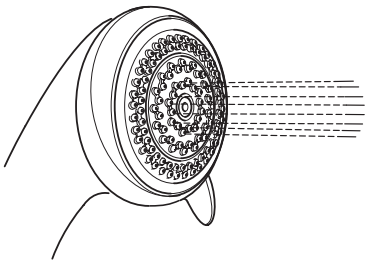
2. **Start:** Turn the spray plate anticlockwise until it 'clicks'. Water will flow from the outer set of holes.



3. **Soothe:** Turn the spray plate anticlockwise until it 'clicks'. Water will flow from the large diameter holes.



4. **Force:** Turn the spray plate anticlockwise until it 'clicks'. Water will flow from the inner set of holes.

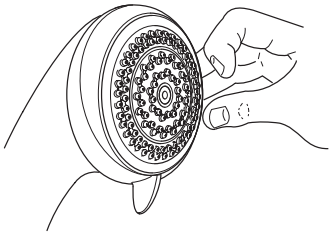


MAINTENANCE

Cleaning

Many household cleaners contain abrasives and chemical substances, and should not be used for cleaning plated or plastic fittings. These finishes should be cleaned with a mild washing up detergent or soap solution, and then wiped dry using a soft cloth.

1. To remove limescale, use your thumb or a soft cloth to wipe any limescale from the soft rubber nozzles and the front face of the showerhead.

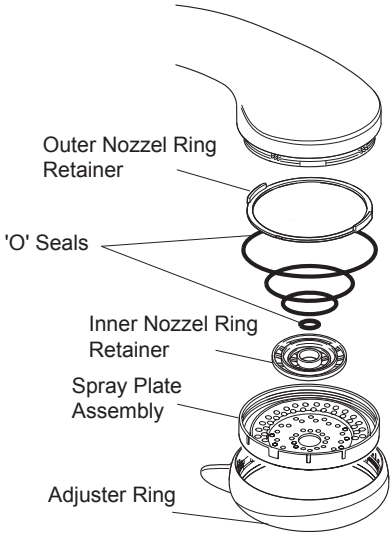


Spray Plate Assembly - Internal

1. Remove the spray plate assembly. Refer to **"Spray plate assembly - removal and installation".**

2. Remove the inner and outer nozzle ring retainers.

3. Clean all the components with a stiff brush. If necessary use a plastic kettle descalent in accordance with the manufacturer's instructions. Flush thoroughly with water before the shower is used.



4. If necessary replace the 'O' seals. Refer to **Spare Parts.**

5. Refit the components in reverse order. Make sure the 'O' seals, and the inner/outer nozzle ring retainers are fitted correctly. Refer to **"Spray plate assembly - removal and installation".**

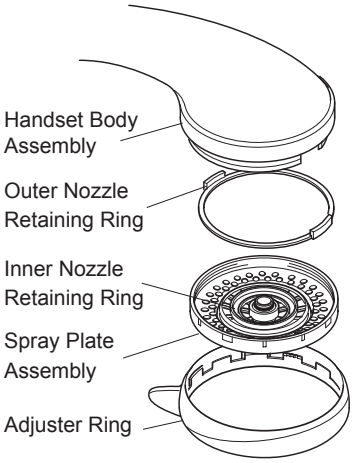
Spray Plate Assembly-Removal

1. Turn the adjuster ring fully anticlockwise.

2. Unclip and remove the adjuster ring.

3. Unscrew the spray plate assembly in an anticlockwise direction. The 'O' seals will provide some resistance.

4. Remove the inner and outer nozzle retaining rings.

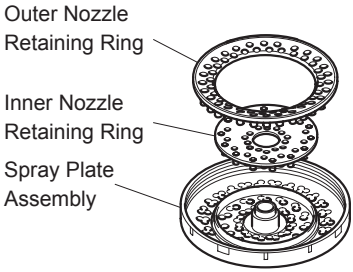


Nozzle Ring Removal

1. Carry out instructions 1 to 4 of **"Spray Plate Removal".**

2. Remove both the inner and outer low capacity nozzle rings.

3. Carry out instructions 1 to 6 of **"Spray Plate Installation".**



Spray Plate Installation

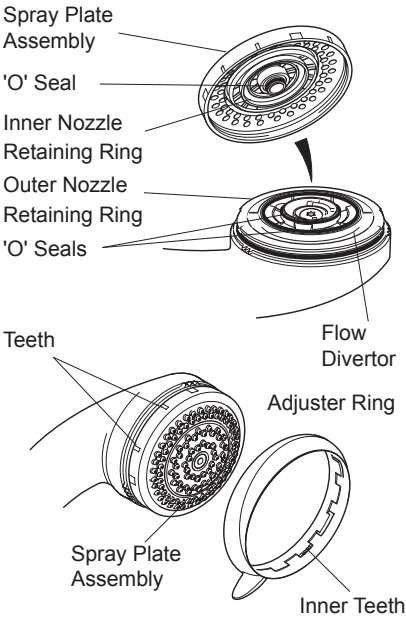
1. Make sure that the four 'O' seals are all correctly fitted.

2. Fit inner nozzle ring retainer on to the spray plate assembly and fit the outer nozzle ring retainer on to the flow divertor.

3. Turn the flow divertor fully clockwise.

4. Carefully screw the spray plate assembly onto the flow divertor.

5. Align the inner teeth on the adjuster ring with the teeth on the handset flow divertor. Clip the adjuster ring into position.



FAULT DIAGNOSIS

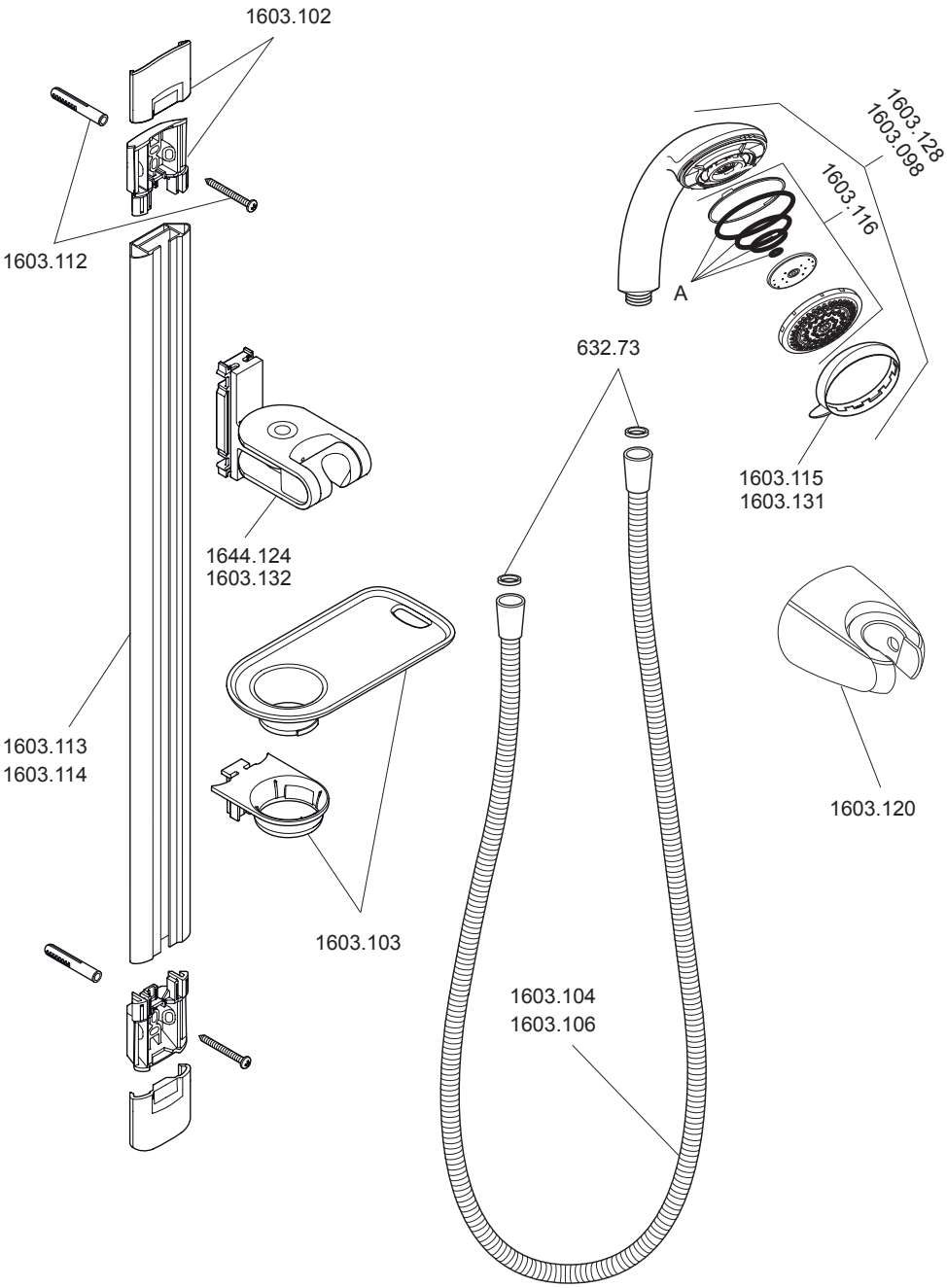
The trouble shooting information tabled below gives details on what you can do as a user, should you encounter difficulties with the shower fittings whilst operating the shower. Before replacing any parts make sure that the underlying cause of the malfunction has been resolved.

Malfunction	Cause	Remedy
No flow or low flow rate from the shower fitting.	The spray plate assembly is blocked. The hose is blocked or twisted. Problem with the shower control.	Refer to the **'Cleaning'** section. Clear blockage or replace the hose. Refer to the Appliance Installation and User Guide.
Water dripping from the handset spray plate.	A small amount of water may be retained in the shower handset after the shower control has been turned off. This may drain over a few minutes. Defective shower control.	This is quite normal. Adjusting the position of the shower handset may reduce the draining time. Refer to the Appliance Installation and User Guide.
The shower temperature changes when the spray setting is adjusted.	The spray plate assembly is blocked.	Make sure that the spray plate assembly is clean. Refer to the **'Cleaning'** section. If the malfunction persists refer to the Appliance Installation and User Guide.
Hose does not fit into the clamp bracket securely.	Clamp bracket fitted upside down in the slide rail.	Remove the clamp bracket and rotate 180° and refit.

SPARES

450.08	Service Pack 'O' Seals - components identified 'A'
632.73	Hose Washer
1603.098	Handset (White)
1603.102	Slide Rail Supports (x 2)
1603.103	Soap Dish and Hose Retaining Ring
1603.104	Chrome Hose - 1.25m
1603.106	Chrome Hose - 2m (Flex Product)
1603.112	Mounting Pack
1603.113	Slide Rail 06 Satin
1603.114	Slide Rail 10 Satin
1603.115	Adjuster Ring - White
1603.116	Spray Plate Assembly
1603.120	Wall Mounted Handset Holder
1603.131	Adjuster Ring (Grey)
1603.132	Flex Clamp Bracket
1603.128	Handset - (Grey Adjuster Ring)
1644.124	Clamp Bracket

Mira Advance Shower Fittings Spare Parts Diagram



CUSTOMER SERVICE

Guarantee of Quality

Mira Showers guarantee your product against any defect in materials or workmanship for the period shown in the Guarantee Registration Document included with your shower.

Alternatively, to confirm the applicable guarantee period please contact Customer Services.

To validate the guarantee, please return your completed registration card.

Within the guarantee period we will resolve defects, free of charge, by repairing or replacing parts or modules as we may choose.

To be free of charge, service work must only be undertaken by Mira Showers or our approved agents.

Service under this guarantee does not affect the expiry date.

The guarantee on any exchanged parts or product ends when the normal product guarantee period expires.

Not covered by this guarantee:

Damage or defects arising from incorrect installation, improper use or lack of maintenance, including build-up of limescale.

Damage or defects if the product is taken apart, repaired or modified by any persons not authorised by Mira Showers or our approved agents.

This guarantee is in addition to your statutory and other legal rights.

Before using your Shower

Please take the time to read and understand the operating and safety instructions detailed in this manual.

What to do if something goes wrong

If when you first use your shower it doesn't function correctly, first contact your installer to check that installation and commissioning are satisfactory and in accordance with the instructions in this manual. We are on hand to offer you or your installer any advice you may need.

Should this not resolve the difficulty, simply contact our Customer Services Team who will give every assistance and, if necessary, arrange for our service engineer to visit. If the performance of your shower declines, consult this manual to see whether simple home maintenance is required. Please call our Customer Services Team to talk the difficulty through, request a service under guarantee if applicable, or take advantage of our comprehensive After-Sales service.

As part of our quality and training programme calls may be recorded or monitored.

Our Customer Services Team is comprehensively trained to provide every assistance you may need: help and advice, spare parts or a service visit.

Spare Parts

We maintain an extensive stock of spares and aim to provide support throughout the product's expected life.

Spares can be purchased from approved stockists or merchants (locations on request) or direct from Customer Services.

Spares direct will normally be despatched within two working days. Payment can be made by Visa or MasterCard at the time of ordering. Should payment by cheque be preferred, a pro-forma invoice will be sent.

All spares are guaranteed for 12 months from the date of purchase. Spares that have been supplied directly from us can be returned within one month from the date of purchase providing that they are in good order and the packaging unopened.

Note! Returned spares will be subject to a 15% restocking charge and authorisation must be obtained before return, contact our Customer Services Team.

Note! In the interests of safety, spares requiring exposure to mains voltages can only be sent to competent persons.

Service

Our Service Force is available to provide a quality service at a reasonable cost. You will have the assurance of a Mira trained engineer/agent, genuine Mira spare parts and a 12 month guarantee on the repair.

Payment should be made directly to the engineer/agent using Visa, MasterCard or a cheque supported by a banker's card.

To Contact Us

England, Scotland, Wales & Northern Ireland

Mira Showers Customer Services

Telephone: 0870 241 0888, Mon to Fri 8:00 am - 5:30 pm
Sat 8:30 am - 3:30 pm

E-mail: technical@mirashowers.com
Fax: 01242 282595
By Post: Cromwell Road, Cheltenham, Gloucestershire, GL52 5EP

Republic of Ireland (Eire)

Modern Plant Ltd (Dublin)

Telephone: 01 459 1344, Mon to Fri 9:00 am - 5:00 pm
E-mail: sales@modernplant.ie
Fax: Dublin 01 459 2329
Post: Otter House, Naas Road, Clondalkin, Dublin 22

Modern Plant (Cork)

Telephone: 021 496 8755, Mon to Fri 9:00 am - 5:00 pm
E-mail: cork@modernplant.ie
Fax: 021 496 8607
Post: Tramore Road, Cork

Mira Showers
Kohler Mira Limited
Cromwell Road,
Cheltenham, GL52 5EP

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The company reserves the right to alter product specifications without notice.

www.mirashowers.com

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